

Engineering Forum Minutes

July 2, 2003

Monitoring and Measurement Technologies for the 21st Century

Dan Melamed (DOE) discussed the Monitoring and Measurement Technologies for the 21st Century Initiative and asked what the EF's needs are with respect to research on technologies, specific analytes, etc. Costs for projects sponsored by the initiative range from \$30-80K. Suggestions from the EF included cheaper dioxin analysis and field screening for pesticides because detection limits are currently not low enough, and States are reluctant to use immunoassay assay kits because they are not pesticide-specific. Gene Keeper suggested that Dan contact Gerald Carney in Region 6, who may have additional ideas.

Update on Steve Kinser's Request on Treatment of VOCs in Tight Clays and Soils.

Ed Mead (USACE) indicated that Steve received the information he needed but was interested in a report back as to what worked and what didn't work. Leo Romanowski (Region 4) also provided some information that he found about a site near Georgia in the federal remediation database.

Energy Issue Paper

Mike Gill (Region 9 HSTL) indicated that he received additional comments from OSRTI on the Energy Audit Issue Paper. He mentioned that a Ground Water Forum paper was criticized by ASTM due to misinformation and a lack of coordination with ASTM. This experience may affect other issue papers currently in progress. Mike asked if there would be any other outside reviews for the Energy Paper.

Remedial Process Screening Data Collection Paper

Ed Mead is still looking for volunteers to field test the Remedial Process Screening Data Collection Paper. He added that ASTM is still interested in the paper.

In-situ Soil Treatment Issue Paper

Gene Keeper (Region 6) indicated that a conference call with the contractors was held about four weeks ago to discuss revising the 1993 issue paper *Considerations in Deciding to Treat Contaminated Unsaturated Soils In Situ*.

Engineering Expertise

Mike Gill and Karen Mason-Smith discussed the Engineering Expertise issue. New QA guidance supports the need for engineering expertise. They did not receive a good reception from NARPM on the issue and asked whether or not we want to pursue this issue and bring it to attention to Superfund Managers. They will send a draft letter to the Co-chair for their review. Gary Turner is very interested. Bernie Schorle and Gene Keeper volunteered to assist in the effort.

Fall 2003 TSP Meeting Update

The July 1, 2003 co-chair's call was canceled but the Ground Water Forum has tentatively selected the Niagara Falls area for the week of October 20th with a focus on fractured bedrock.

Attendees:

Sharon Hayes, Region 1
Ray Cody, Region 1
Jon Bornholm, Region 4

Leo Romanowski, Region 4
Karen Mason-Smith, Region 5
Bernie Schorle, Region 5

Gene Keepper, Region 6
Mike Gill, Region 9 HSTL
Marta Richards, NRMRL-Cinc.

Kelly Madalinski, TIO
Ed Mead, USACE
Jim Harrington, NYSDEC